

## NUCLEIC ACID EXTRACTION SOLUTION AND USE THEREOF

### Abstract of the Disclosure

Disclosed are methods and compositions for extracting nucleic acids from a biological sample. In particular, disclosed is a nucleic acid extraction solution together with methods using such a solution for extracting nucleic acid sequences from biological samples containing cells, cellular debris or both. The nucleic acid extraction solution contains a molecule having the  
5 formula  $R_1O-CH_2-CH_2-OR_2$ , wherein  $R_1$  and  $R_2$  independently are selected from the group consisting of hydrogen and an alkyl group.

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